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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 22 NOV 49

SUBJECT Pressing Gas-Turbine Blades from Tinidur

NO. OF PAGES 1

NO. OF ENCLS. (LISTED BELOW)

SUPPLEMENT TO REPORT NO.

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THIS IS UNEVALUATED INFORMATION

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1. Experiments are being carried out at the Kabelwerk for the pressing of gas-turbine blades made of "Tinidur". The work is still in the experimental state, but it will be possible to manufacture these steel blades by hot-pressing and thus effect considerable savings in labor and material and at the same time produce improved turbine blades. 50X1-HUM

Comment: The Russians are fully cognizant of the results as is, especially Kuse, head of the new Bergmann turbine factory. The latter sees the possibilities of pressing steel blades for his steam turbines with the consequent saving of the scarce machine tools required for machining blades. 50X1-HUM

Comment: Progress is being made with steel blades, and it is thought that if Tinidur can be pressed, there will be no trouble in pressing less high grade steel suitable for steam turbines.

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